

#3 - Montgomery College CIP for odd-numbered calendar years, and Capital Budget
Requires 6 affirmative votes.

Resolution No:	15-1008
Introduced:	May 26, 2005
Adopted:	May 26, 2005

COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND

By: County Council

Subject: Approval of Amendments to the Approved FY 2005-2010 Capital Improvements Program, and Approval of and Appropriation for the FY 2006 Capital Budget of Montgomery College

Background

1. As required by the Education Article, Section 16-301 of the Maryland Code, the Board of Trustees sent to the County Executive and County Council an FY 2006 Capital Budget for Montgomery College. The Board also requested amendments to the Approved FY 2005-2010 Capital Improvements Program (CIP).
2. Section 302 of the County Charter requires the Executive to send to the Council by January 15 in each even-numbered calendar year a 6-year CIP, which the Executive did on January 15, 2004 for the 6-year period FY 2005-2010. Section 302 requires the affirmative vote of at least 5 Councilmembers to approve or modify the Executive's Recommended CIP. On May 27, 2004, the Council approved the College's CIP for FY 2005-2010 in Resolution 15-623. After the Council approves a CIP, Section 302 permits the Council to amend it at any time with the affirmative vote of at least 6 Councilmembers.
3. Section 303 of the Charter requires the Executive to send to the Council by January 15 in each year a recommended Capital Budget, which the Executive did on January 13, 2005 for FY 2006. The Executive also sent to the Council his recommendations on the College's proposed amendments to the Approved FY 2005-2010 CIP.
4. As required by Section 304 of the Charter, the Council held a public hearing on April 5, 6, and 7, 2005 on the Capital Budget for FY 2005 and on amendments to the Approved FY 2005-2010 CIP.

Action

The County Council for Montgomery County, Maryland approves the following resolution for Montgomery College:

1. For FY 2006, the Council approves the Capital Budget and appropriates the amounts by project which are shown in part I. The expenditure of funds for each item in the Capital Budget must comply with all restrictions and requirements in the project description form for that item, as the form is contained in the Approved CIP as amended by this resolution, and as the CIP is amended by the Council under Charter Section 302 after this resolution is adopted.
2. The Council reappropriates the appropriations made in prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the approved CIP for FY 2005-2010; and
 - c) to the extent that those appropriations are not expended or encumbered.
3. The Council approves those projects shown in Part II as amendments to the Approved FY 2005-2010 CIP.
4. The County Council approves the close out of the project in part III.
5. Any revenue which exceeds the amount estimated to be received from revenue sources other than County bonds must reduce the amount of bonds to be sold by the amount of the excess.

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

PART I: FY 2006 CAPITAL BUDGET FOR MONTGOMERY COLLEGE

The appropriations for FY 2006 in this Part are made to implement the projects in the Capital Improvements Program for FY 2005-2010. When the total appropriation for a project includes State funds, the total appropriation for the project is contingent on the availability of funds from the State.

Project #	Project Name	FY06 Appropriation	Cumulative Appropriation	Total Appropriation
936660	ADA Compliance: College	50,000	753,000	803,000
056601	Commons Renovation	600,000	0	600,000
056608	Elevator Modernization: College	537,000	537,000	1,074,000
816611	Energy Conservation: College	125,000	3,543,000	3,668,000
886686	Facility Planning: College	200,000	2,038,000	2,238,000
856509	Information Technology: College	7,000,000	42,968,000	49,968,000
046601	Life Safety Systems: College	1,000,000	4,500,000	5,500,000
036603	Macklin Tower Alterations	1,040,000	2,340,000	3,380,000
926659	Planned Lifecycle Asset Replacement: College	2,275,000	8,581,000	10,856,000
906605	Planning, Design & Construction	1,116,000	9,771,000	10,887,000
036600	Rockville Science Center	6,200,000	0	6,200,000
876664	Roof Replacement: College	548,000	4,018,000	4,566,000
996662	Takoma Park Campus Expansion	5,150,000	69,927,000	75,077,000
016600	Takoma Park Central Plant	2,080,000	3,588,000	5,668,000
	Total - Montgomery College	27,921,000	152,564,000	180,485,000

PART II: REVISED PROJECTS

The projects described in this section were revised from, or were not included among, the projects approved by the County Council as they appeared in the Approved FY 2005-2010 Capital Improvements Program (CIP) as of May 27, 2004. These projects are approved.

Commons Renovation -- No. 056601

Category **Montgomery College**
 Agency **Montgomery College**
 Planning Area **Takoma Park**
 Relocation Impact **None.**

Date Last Modified
 Previous PDF Page Number
 Required Adequate Public Facility

May 19, 2005
 20-5 (05 App)
 NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY04	Rem. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	862	0	0	862	0	600	262	0	0	0	0
Land											
Site Improvements and Utilities											
Construction	5,513	0	0	5,513	0	0	5,513	0	0	0	0
Other	625	0	0	625	0	0	625	0	0	0	0
Total	7,000	0	0	7,000	0	600	6,400	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	3,500	0	0	3,500	0	300	3,200	0	0	0	0
State Aid	3,500	0	0	3,500	0	300	3,200	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)**DESCRIPTION**

This project provides for the realignment/renovation of space in the Commons building (25,070 GSF) on the Takoma Park Campus in accordance with the College's Facilities Master Plan (January, 2004). The renovated building will house general purpose classrooms and faculty offices. The building renovation includes HVAC modifications/replacement, ADA modifications, sprinkler system modifications/replacement, lighting system modifications/replacement, building thermal envelope modifications, telecommunication improvements and space reconfigurations.

JUSTIFICATION

The Commons building was constructed in 1977 and no longer adequately supports the educational programs and support functions housed in it. Most of the current building occupants (cafeteria, bookstore, student activities, and Campus security) will relocate to the new Student Services Center when it is completed in January of 2006. The existing mechanical system in the Commons is inadequate and existing lighting requires replacement for better illumination levels and greater energy efficiency. The funds requested will provide for the reassignment, realignment, and renovation of space, including furniture and equipment, energy construction and handicapped modification measures.

Plans and Studies

Takoma Park Campus Facilities Master Plan (3/98 and 1/01), Takoma Park Campus Facilities Renovation Plan (9/98), Collegewide Condition Assessment (August - 2002), Collegewide Facilities Master Plan (January, FY04), Commons Renovation Facility Program (May, 2004).

OTHER

FY06 Appropriation: \$300,000 (G.O. Bonds) and \$300,000 (State Aid)

**APPROPRIATION AND
EXPENDITURE DATA**

Date First Appropriation	FY05	(\$000)
Initial Cost Estimate		0
First Cost Estimate		
Current Scope	FY05	5,876
Last FY's Cost Estimate		5,876
Present Cost Estimate		7,000

Appropriation Request	FY06	600
Supplemental		
Appropriation Request	FY05	0
Transfer		0

Cumulative Appropriation		0
Expenditures/		
Encumbrances		0
Unencumbered Balance		0

Partial Closeout Thru	FY03	0
New Partial Closeout	FY04	0
Total Partial Closeout		0

COORDINATION

Facility Planning: College (CIP#886686)
 Takoma Park Campus Expansion (CIP #996662)
 Takoma Park Central Plant (CIP # 016600)
 Energy Conservation: College (CIP #816611)
 PLAR: College (CIP #926659)

Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

MAP

Planned Lifecycle Asset Replacement: College -- No. 926659

Category **Montgomery College**
 Agency **Montgomery College**
 Planning Area **Countywide**
 Relocation Impact **None**

Date Last Modified
 Previous PDF Page Number
 Required Adequate Public Facility

May 20, 2005
 20-14 (05 App)
 NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY04	Rem. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	1,299	340	9	950	100	150	150	150	200	200	0
Land											
Site Improvements and Utilities											
Construction	20,057	7,108	124	12,825	900	2,125	1,850	2,350	2,800	2,800	0
Other											
Total	21,356	7,448	133	13,775	1,000	2,275	2,000	2,500	3,000	3,000	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	19,416	5,508	133	13,775	1,000	2,275	2,000	2,500	3,000	3,000	0
Current Revenue: General	1,940	1,940	0	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides funding for a comprehensive lifecycle renewal and replacement program to protect the investment in College facilities and equipment and to meet current safety and environmental requirements. Funding also provides for project management staff and/or services. This collegewide project is targeted at deteriorating facilities and deferred maintenance of major building systems. This project includes: (1) HVAC system renovation/replacement; (2) major mechanical/plumbing equipment renovation/replacement; (3) interior and exterior lighting system renovation/replacements; (4) electrical service/switchgear renovation/replacement; (5) building structural and exterior envelope refurbishment; (6) parking lot/roadway/sidewalk replacement; (7) asbestos removals not tied to building renovations; (8) major carpet replacement; (9) underground petroleum tank upgrades; and (10) site utility replacement/improvements.

JUSTIFICATION

In August 2002, the College completed a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provides the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment identified a \$57.8 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, College facilities will continue to deteriorate leading to higher cost renovations or building replacements.

Plans and Studies

Schematic Design for Curtain Wall Remediation - Macklin Tower (5/25/01), Curtain Wall and Building Envelope Investigation - Macklin Tower (3/16/01), Collegewide Facilities Condition Assessment (8/02), and Collegewide Facilities Master Plan (January, 2004).

Cost Change

Cost increase to fund corrective work identified in the Facilities Condition Assessment, including project administration.

STATUS

Ongoing.

OTHER

The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (#946657) (BOT Resol. #93106, #9426 & #94128); \$185,000 to Rockville Surge Building (#966665) (BOT Resol. #11-2291 - 1/21/97); and \$7,000 to Planning, Design & Construction (#906605) (BOT Resol. #01-153). The following fund transfers have been made into this project: \$15,000 from Central Plant Distribution System (#886676) (BOT Resol. #98-82 - 6/15/98) and \$25,000 from Clean Air Act (#956643) (BOT Resol. # 98-82 - 6/15/98). Beginning in FY98, the portion of this project funded by County Current Revenues migrated to the College's Operating Budget. Reflecting the migration of this portion of the project, the College's Operating Budget includes funds for this effort.

FY2006 Appropriation: \$2,275,000 (G.O. Bonds).

* Project expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY93	(\$000)
Initial Cost Estimate		3,000
First Cost Estimate		
Current Scope	FY03	22,081
Last FY's Cost Estimate		20,581
Present Cost Estimate		21,356
Appropriation Request	FY06	2,275
Supplemental Appropriation Request	FY05	0
Transfer		0
Cumulative Appropriation		8,581
Expenditures/Encumbrances		7,488
Unencumbered Balance		1,093
Partial Closeout Thru	FY03	0
New Partial Closeout	FY04	0
Total Partial Closeout		0

COORDINATION

This project is coordinated with the Rockville, Takoma Park and Germantown Campus Utility Master Plans, building renovations on the Rockville and Takoma Park Campuses, and the following projects:

Elevator Modernization: College (CIP#046600)
 Energy Conservation: College (CIP#816611)
 Facility Planning: College (CIP#886686)
 Life Safety Improvements: College (CIP#046601)
 Macklin Tower Alterations (CIP#036603)
 Roof Replacement: College (CIP#876664)
 TP Central Plant (CIP#016600)

MAP

Roof Replacement: College -- No. 876664

Category
Agency
Planning Area
Relocation Impact

Montgomery College
Montgomery College
Countywide

Date Last Modified
Previous PDF Page Number
Required Adequate Public Facility

May 20, 2005
20-15 (03 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY04	Rem. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	781	465	4	312	40	77	54	99	24	18	0
Land											
Site Improvements and Utilities											
Construction	5,135	2,974	141	2,020	394	471	246	492	237	180	0
Other											
Total	5,916	3,439	145	2,332	434	548	300	591	261	198	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	3,016	1,628	145	1,243	217	274	150	372	131	99	0
Current Revenue:											
General	1,248	1,248	0	0	0	0	0	0	0	0	0
State Aid	1,652	563	0	1,089	217	274	150	219	130	99	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in October 2000.

JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (10/00) delineates specific building projects through FY08. This schedule will be updated again in December of 2004. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower first costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment.

Plans and Studies

Collegewide Roof Surveys (10/00) and Collegewide Facilities Condition Assessment (8/02).

STATUS

Continuing project to be coordinated with building renovations. The current project list (provided below) is based on a Collegewide roof survey completed in October 2000. The College is currently working on an update to the roof survey of all buildings, including new cost estimates.

OTHER

By County Council Resolution #12663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. bond funded.

The FY03 appropriation request of \$327,000 (\$231,000 - G.O. Bonds and \$96,000 - State Aid) was combined with \$136,000 in unused State aid previously appropriated by the County to provide a total of \$463,000 in funding for the planned FY03 roof replacement projects.

FY2006 Appropriation: \$548,000 (\$274,000 - G.O. Bonds and \$274,000 - State Aid).

* Project expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																																			
<table> <tr> <td>Date First Appropriation</td><td>FY87</td><td>(\$000)</td></tr> <tr> <td>Initial Cost Estimate</td><td></td><td>569</td></tr> <tr> <td>First Cost Estimate</td><td></td><td></td></tr> <tr> <td>Current Scope</td><td>FY03</td><td>5,263</td></tr> <tr> <td>Last FY's Cost Estimate</td><td></td><td>5,871</td></tr> <tr> <td>Present Cost Estimate</td><td></td><td>5,916</td></tr> <tr> <td>Appropriation Request</td><td>FY06</td><td>548</td></tr> <tr> <td>Supplemental</td><td></td><td></td></tr> <tr> <td>Appropriation Request</td><td>FY05</td><td>0</td></tr> <tr> <td>Transfer</td><td></td><td>0</td></tr> <tr> <td>Cumulative Appropriation</td><td></td><td>4,018</td></tr> <tr> <td>Expenditures/</td><td></td><td></td></tr> <tr> <td>Encumbrances</td><td></td><td>3,439</td></tr> <tr> <td>Unencumbered Balance</td><td></td><td>579</td></tr> <tr> <td>Partial Closeout Thru</td><td>FY03</td><td>0</td></tr> <tr> <td>New Partial Closeout</td><td>FY04</td><td>0</td></tr> <tr> <td>Total Partial Closeout</td><td></td><td>0</td></tr> </table>	Date First Appropriation	FY87	(\$000)	Initial Cost Estimate		569	First Cost Estimate			Current Scope	FY03	5,263	Last FY's Cost Estimate		5,871	Present Cost Estimate		5,916	Appropriation Request	FY06	548	Supplemental			Appropriation Request	FY05	0	Transfer		0	Cumulative Appropriation		4,018	Expenditures/			Encumbrances		3,439	Unencumbered Balance		579	Partial Closeout Thru	FY03	0	New Partial Closeout	FY04	0	Total Partial Closeout		0	<p>Energy Conservation (CIP#816611) PLAR: College (CIP#926659) FY02 - Performing Arts Center (RV) FY03 - Humanities & Social Sciences (GT) and PE Main Gym (GT) FY04 - Collegewide Roof Surveys & Major Repairs, and RV Child Care Center FY05 - Campus Tower Low Roof (RV), CAB (RV), and PE - Middle Roof (GT) FY06 - Theatre Arts (RV), Student Services (RV) and Science North (TP) FY07 - PE (RV) and Computer Science (RV) FY08 - Collegewide Roof Surveys and Major Repairs, and Mannakee (RV) FY09 - Campus Center (RV) FY10 - Science East (RV)</p> <p>Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.</p>	
Date First Appropriation	FY87	(\$000)																																																			
Initial Cost Estimate		569																																																			
First Cost Estimate																																																					
Current Scope	FY03	5,263																																																			
Last FY's Cost Estimate		5,871																																																			
Present Cost Estimate		5,916																																																			
Appropriation Request	FY06	548																																																			
Supplemental																																																					
Appropriation Request	FY05	0																																																			
Transfer		0																																																			
Cumulative Appropriation		4,018																																																			
Expenditures/																																																					
Encumbrances		3,439																																																			
Unencumbered Balance		579																																																			
Partial Closeout Thru	FY03	0																																																			
New Partial Closeout	FY04	0																																																			
Total Partial Closeout		0																																																			

PART III: CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective July 1, 2005, and the appropriation for each project is decreased by the amount of that project's unencumbered balance.

Project #	Project Name
------------------	---------------------

NONE	
------	--

**PART IV: CAPITAL IMPROVEMENTS PROJECTS:
PARTIAL CLOSE OUT**

Partial close out of the following capital projects is effective July 1, 2005.

Project #	Project Name	Amount
NONE		